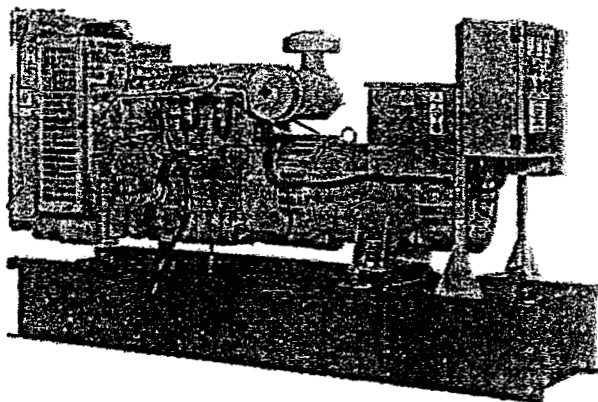


**GENERATOR**

**DIESEL  
GENERATOR SETS****OLYMPIAN™***Exclusively from your Caterpillar® dealer*

**STANDBY 90-150 kW**  
**PRIME 82.4-114 kW**  
**60 Hz**

Model	Standby kW (kVA)	Prime kW (kVA)
D90P1	90 (112.5)	82.4 (103)
D100P1	100 (125)	90 (112.5)
D100P2*	100 (125)	90 (112.5)
D125P1	125 (156.3)	114 (142.5)
D125P2*	125 (156.3)	114 (142.5)
D150P1	150 (187.5)	N/A

\*EPA Approved, Emissions Certified

**FEATURES****GENERATOR SET**

- Complete system designed and built at ISO 9001 certified facilities
- Factory tested to design specifications at full load conditions

**ENGINE**

- Governor, electronic (D125P1, D125P2, D150P1)
- Governor, mechanical (D90P1, D100P1, D100P2)
- Electrical system, 12 VDC
- Cartridge type filters
- Battery(s), rack and cables
- Coolant and lube drains piped to edge of base

**GENERATOR**

- Insulation system, class H
- Drip proof alternator air intake (NEMA 2, IP23)
- Electrical design in accordance with BS5000 Part 99, IEC34-1, VDE0530, UTE51100, NEMA MG-1.22

**CONTROL SYSTEM**

- 2001 Autostart control panel
- Vibration isolated NEMA 1 enclosure with lockable hinged door
- DC and AC wiring looms

**MOUNTING ARRANGEMENT**

- Heavy-duty fabricated steel base with lifting points
- Directly mounted 10 dB(A) silencer
- Complete OSHA guarding
- Flexible fuel lines to base with NPT connections
- Anti-vibration pads to ensure vibration isolation
- Stub-up pipe ready for connection to silencer pipework

**COOLING SYSTEM**

- Radiator and cooling fan complete with protective guards
- Standard ambient temperatures up to 122° F (50° C)

**CIRCUIT BREAKER**

- UL/CSA listed
- 3-pole with solid neutral
- NEMA 1 steel enclosure, vibration isolated
- Electrical stub-up area directly below circuit breaker

**AUTOMATIC VOLTAGE REGULATOR**

- Voltage within  $\pm 0.5\%$  at steady state from no load to full load
- Provides fast recovery from transient load changes

**EQUIPMENT FINISH**

- All electroplated hardware
- Anticorrosive paint protection
- High gloss polyurethane paint for durability and scuff resistance

**QUALITY STANDARDS**

- BS4999, BS5000, BS5514, IEC34, VDE0530, NEMA MG-1.22, NFPA 110 (with optional equipment)

**DOCUMENTATION**

- Operation and maintenance manuals provided
- Wiring diagrams included

**WARRANTY**

- 12 months from date of initial start-up or 18 months from shipping, whichever occurs first

Materials and specifications are subject to change without notice.

**WHERE THE WORLD TURNS FOR POWER**

**STANDBY 90 - 150 kW**  
**PRIME 82.4 - 114 kW**  
**60 Hz**

**OLYMPIAN™**

*Exclusively from your Caterpillar® dealer*

## SPECIFICATIONS



### GENERATOR

Voltage Regulation .....  $\pm 0.5\%$  at steady state from  
no load to full load  
Frequency .....  $\pm 0.8\%$  for constant load,  
no load to full load  
Waveform Distortion ..... THD < 1.8%, at no load  
Radio Interference ..... Compliance with BS800 and  
VDE Class G&N  
Telephone Interference ..... TIF < 50, THF < 2%  
Overspeed Limit ..... 2250 rpm  
Insulation ..... Class H  
Temperature Rise ..... Within Class H limits  
Available Voltages ..... 277/480, 266/460, 120/240,  
127/220, 120/208, 347/600  
Deration ..... Consult factory for available outputs  
Ratings ..... At 86° F (30° C), 500 ft. (152.4 m),  
60% humidity, 0.8 pf



### ENGINE

Manufacturer ..... Perkins  
Type ..... 4-Cycle  
Cylinder Configuration ..... In-line 6  
Displacement — cu in (L) ..... 366 (6.0)  
Bore — in (mm) ..... 3.94 (100.0)  
Stroke — in (mm) ..... 5.00 (127.0)  
Compression Ratio  
D90P1, D100P1, D100P2, D125P1, D150P1 .... 16.0:1  
D125P2 ..... 17.0:1  
Governor  
Type  
D90P1, D100P1, D100P2 ..... Mechanical  
D125P1, D125P2, D150P1 ..... Electronic  
Class ..... A1  
Piston Speed — ft/sec (m/sec) ..... 25.0 (7.62)  
Engine speed — rpm ..... 1800  
Air Cleaner Type ..... Dry, replaceable paper  
element type with restriction indicator  
Regenerative Power — kW ..... 16.2  
**D90P1 — 1006TG1A**  
Max Power at Rated rpm — hp (kW)  
Standby ..... 152 (113)  
Prime ..... 136 (102)  
BMEP — psi (kPa)  
Standby ..... 183 (1259)  
Prime ..... 164 (1133)  
Aspiration ..... Turbocharged

## RATING DEFINITIONS

**Standby** — Applicable for supplying continuous electrical power (at variable load) in the event of a utility power failure. No overload is permitted on these ratings. The generator is peak rated (as defined in ISO8528-3).

### D100P1 — 1006TG2A

Max Power at Rated rpm — hp (kW)  
Standby ..... 166 (124)  
Prime ..... 151 (112)  
BMEP — psi (kPa)  
Standby ..... 202 (1393)  
Prime ..... 182 (1253)  
Aspiration ..... Turbocharged

### D100P2 — 1006-6T

Max Power at Rated rpm — hp (kW)  
Standby ..... 166 (124)  
Prime ..... 150 (112)  
BMEP — psi (kPa)  
Standby ..... 200 (1376)  
Prime ..... 182 (1253)  
Aspiration ..... Turbocharged

### D125P1 — 1006TAG

Max Power at Rated rpm — hp (kW)  
Standby ..... 219 (163)  
Prime ..... 201 (150)  
BMEP — psi (kPa)  
Standby ..... 266 (1836)  
Prime ..... 234 (1610)  
Aspiration ..... Turbocharged, AA Charge

### D125P2 — 1006TA

Max Power at Rated rpm — hp (kW)  
Standby ..... 216 (162)  
Prime ..... 197 (147)  
BMEP — psi (kPa)  
Standby ..... 262 (1799)  
Prime ..... 238 (1635)  
Aspiration ..... Turbocharged, AA Charge

### D150P1 — 1006TAG1

Max Power at Rated rpm — hp (kW)  
Standby ..... 219 (163)  
Prime ..... N/A  
BMEP — psi (kPa)  
Standby ..... 266 (1836)  
Prime ..... N/A  
Aspiration ..... Turbocharged, AA Charge Cooled



### CONTROL PANEL

NEMA 1 steel enclosure with lockable hinged door  
Vibration isolated mounted Autostart control panel  
Single location customer connector point  
Electrical stub-up area directly below control panel

**Prime** — Applicable for supplying continuous electrical power (at variable load) in lieu of commercially purchased power. There is no limitation to the annual hours of operation and the generator set can supply 10 percent overload power for 1 hour in 12 hours.

Consult your Olympian representative for more information.

www.CAT-ElectricPower.com

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## MAINTENANCE CONTRACT AND AGREEMENT

March 15, 2004

Contract # LC0403-01

Customer: Department of Community & Cultural Affairs  
Division of Youth Services  
Kagman Juvenile Center

Contact: Mr. Floyd Masga  
Tel. #: 664-2530  
Fax. #: 664-2560/256-2557

Equipment: Olympian Generator Set  
Generator # 1  
Model #: D150P1  
Serial #: NAT00127

### Proposed Service/s

Service Type 1 Monthly Maintenance Service \$ 158.25/month  
12 X per Year \$ 158.250/Month X 12 = \$1,899.00

Service Type 2 Annual Maintenance Service \$ 422.00  
1 X per Year

Total Agreement Price: \$2,321.00

Period Covered: March 2004 up to February 2005

Customer to be invoiced on monthly basis for actual work done during the month.

Term of agreement is one (1) year. Proposal expires thirty (30) days from date of issue. Work proposed to be performed during normal business hours of Pacific Machinery. Customer will be responsible to inform Pacific Machinery when service is needed.

Authorized By: [Signature]

Date: 3/15/04

Branch Manager: [Signature]

Date: 3/15/04

Office of the Governor

Saipan, MP 96950

Telephone: (670) 664-1500 Fax: (670) 664-1515

THIS NUMBER MUST APPEAR ON ALL INVOICES AND DELIVERY SLIPS

No. 414804-000 OP

INSTRUCTIONS

1. P.O. number must appear on all invoices, packages, packing lists, and other related documents.
2. Payments requests, prior to receipt of shipment, must include proof of shipment with invoice.
3. The CNMI Government reserves the right to reject any or all items received that are not in compliance with ordered specifications.
4. AIRMAIL original invoices attached to the original corresponding CNMI Government Purchase Orders to the Division of Finance & Accounting, Attn: Accounts Payable, P.O. Box 5234 CHRB Saipan, MP 96950. All correspondence with regards to payments must be directed to the above.
5. All correspondence regarding shipment of this order is to be directed to the Director, Procurement & Supply, CI
6. Any refund check should be made payable to CNMI Treasury. Mail all refund to the above address.

DATE: 03/02/04

VENDOR: PACIFIC MACHINERY-SPN BRANCH  
PMB 1486, P.O. BOX 10000

SAIPAN MP  
96950-8900

FOB POINT :  
SHIPPED VIA :  
DELIVERY TIME:

QUANTITY	UNITS OF ISSUE	DESCRIPTION	UNIT PRICE	TOTAL PRICE
	LO	MONTHLY PREVENTIVE MAINT. INSPECTION FOR STANDBY POWER GENERATOR SYSTEM OLYMPIAN D150P1	.00	1.89
	LO	PREVENTIVE MAINTENANCE; INCLUSIVE OF PARTS REPLACEMENT, PARTS AND LABOR WITH 3/MO WARRANTY.	.00	4.2
TOTAL				2.3

NOTE TO VENDOR:

Please provide a copy of invoice showing receipt of goods/merchandise to:  
Director, PROCUREMENT & SUPPLY  
P.O. Box 10008 CK  
Lower Base, Saipan, MP 96950

FR TO: MARPANDS - SAIPAN 414804-OP  
DCCA-04-1220.  
P.O. BOX 10008, CK  
SAIPAN, MP  
96950

P VIA:

Requested By : Youth Services Saipan

RELEASE DATE : 03/02/04

  
HERMAN SABLAN